

Appl. No. 09/884,925
Amdt. dated April 28, 2006
Reply to Office action of February 21, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-14 (cancelled).

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15. (currently amended) A multimedia data file producer adapted to be used with a personal computer, comprising:

an image pickup device for receiving an image signal from an object and
transformed transforming said image signal into a first analog signal of a first electric
10 level;

a sound image pickup device for receiving a sound signal and transformed
transforming said sound signal into a second analog signal of a second electric level;

a first analog-digital converter electrically connected to said image pickup device
for converting said first analog signal into a first digital signal;

15 a second analog-digital converter electrically connected to said sound pickup device
for converting said second analog signal into a second digital signal; and

a processor electrically connected to said first and second analog-digital converters
for receiving said first and second digital signals, analyzing the second digital signals to
determine if the second digital signals match the voice of a predetermined user, and

20 producing to produce a single multimedia data file including digital image and sound
information, which is provided for said personal computer when the second digital
signals match the voice of the predetermined user.

25 16. (previously presented): The multimedia data file producer according to claim
15, wherein said image pickup device includes: a lens set for focusing said image signal;
and a photo-electric converting element for sensing said focused image signal to generate
said first analog signal.

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17. (previously presented): The multimedia data file producer according to claim 16, wherein said photo-electric converting element is a charge coupled device (CCD).

5 18. (previously presented): The multimedia data file producer according to claim 16, wherein said photo-electric converting element is a contact image sensor (CIS).

19. (previously presented): The multimedia data file producer according to claim 16, wherein said image pickup device further includes a reflection mirror set for
10 transmitting said image signal to said lens set.

20. (currently amended): The multimedia data file producer according to claim 15, wherein said sound image pickup device includes: a microphone for receiving said sound signal and ~~transformed~~ transforming said sound signal into said second analog signal;
15 and a filter for filtering off a noise signal from said second analog signal.

21. (previously presented): The multimedia data file producer according to claim 20, wherein said noise signal has a frequency beyond a frequency range of a human voice.
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22-27 (canceled).

28. (currently amended) A multimedia data file producer, comprising:
an image pickup device for generating an image digital signal of an object;
25 a sound pickup device for generating a sound digital signal, related to said object;
a signal processor for analyzing the sound digital signal to determine if the sound digital signal matches the voice of a predetermined user;
a multiplexer for combining said image digital signal and said sound digital signal

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when the sound digital signal matches the voice of the predetermined user; and

a processor connected to said multiplexer for receiving output of said multiplexer and further producing a multimedia data file consisting of digital image and sound information simultaneously.

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29. (previously presented) The multimedia data file producer of claim 28, further comprising:

a first analog-digital converter for converting an image analog signal to said image digital signal; and

10 a second analog-digital converter for converting a sound analog signal to said sound digital signal.

30. (previously presented) The multimedia data file producer of claim 29, wherein said image pickup device includes:

15 a reflection mirror set;

a lens set for focusing said object; and

a photo-electric converting element for sensing said object to generate said image analog signal.

20 31. (previously presented) The multi media data file producer of claim 30, wherein said photo-electric converting element is a charge coupled device.

32. (previously presented) The multimedia data file producer of claim 30, wherein said photo-electric converting element is a contact image sensor.

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33. (previously presented) The multimedia data file producer of claim 29, wherein said sound pickup device includes:

a microphone for receiving sound, transformed to said sound analog signal; and

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a filter for filtering noise signal.

34. (currently amended) The multimedia data file producer of claim 28, wherein
said multimedia data file ~~records include~~ includes said image digital signal and said sound
5 digital signal of said object which are transmitted simultaneously, which is done by a
time-sharing multi-tasking digital signal processor, ~~in this case,~~ said multimedia data file
[[is]] consisting of generated ~~image and sound~~ images and sounds of said object ~~at each~~
~~time frame~~.